

WEST Search History

Hide Items

Restore

Clear

Cancel

DATE: Monday, September 27, 2004

Hide?	Set Name	Query	Hit Count
	<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=OR</i>		
<input type="checkbox"/>	L8	L7 and interact?	2
<input type="checkbox"/>	L7	L6 and transcription	20
<input type="checkbox"/>	L6	L1 and inhibit?	20
<input type="checkbox"/>	L5	L1 and grigoriev	2
<input type="checkbox"/>	L4	L1 and loferer	2
<input type="checkbox"/>	L3	L1 and jacobi	2
<input type="checkbox"/>	L2	L1 and antagonist	4
<input type="checkbox"/>	L1	ygbB	39

END OF SEARCH HISTORY

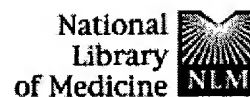
[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 4 of 4 returned.**

-
- ☐ 1. [20040086937](#). 09 Oct 01. 06 May 04. Novel method for identifying antibacterial compounds. Loferer, Hannes, et al. 435/7.1; G01N033/53.
-
- ☐ 2. [20030073134](#). 17 Jun 02. 17 Apr 03. Crystals and structures of 2C-methyl-D-erythritol 2,4-cyclodiphosphate synthase MECPS. Louie, Gordon V., et al. 435/7.1; 702/19 G01N033/53 G06F019/00 G01N033/48 G01N033/50.
-
- ☐ 3. [WO 200061793A](#). Identifying antibacterial compounds, comprises identifying an antagonist or inhibitor of the expression of a gene encoding a polypeptide essential for bacterial growth or survival. JACOBI, A, et al. A61K038/00 A61K045/00 A61P031/04 C07K014/245 C12N015/09 C12Q001/02 C12Q001/18 C12Q001/68 G01N033/15 G01N033/50 G01N033/53.
-
- ☐ 4. [EP 1043403A](#). Identifying antagonists of the expression of gene encoding bacterial growth polypeptide useful for treating bacterial infections or diseases, by evaluating transcription of the gene in the presence of test molecule. C07K014/245 C12Q001/18 C12Q001/68.
-

[Generate Collection](#)[Print](#)

Terms	Documents
L1 and antagonist	4

[Prev Page](#)[Next Page](#)[Go to Doc#](#)



Entrez PubMed Nucleotide Protein Genome Structure OMIM PMC Journals Books

Search PubMed for ygbB Go Clear

Limits Preview/Index History Clipboard Details

Display Summary Show: 20 Sort Send to Text

About Entrez

Items 1 - 4 of 4

One

Text Version

Entrez PubMed

Overview

Help | FAQ

Tutorial

New/Noteworthy

E-Utilities

PubMed Services

Journals Database

MeSH Database

Single Citation Matcher

Batch Citation Matcher

Clinical Queries

LinkOut

Cubby

Related Resources

Order Documents

NLM Catalog

NLM Gateway

TOXNET

Consumer Health

Clinical Alerts

ClinicalTrials.gov

PubMed Central

☐ 1: Freiberg C, Wieland B, Spaltmann F, Ehlert K, Brotz H, Labischinski H. Related Articles



Identification of novel essential Escherichia coli genes conserved among pathogenic bacteria.

J Mol Microbiol Biotechnol. 2001 Jul;3(3):483-9.

PMID: 11361082 [PubMed - indexed for MEDLINE]

☐ 2: Campos N, Rodriguez-Concepcion M, Sauret-Gueto S, Gallego F, Lois LM, Boronat A. Related Articles



Escherichia coli engineered to synthesize isopentenyl diphosphate and dimethylallyl diphosphate from mevalonate: a novel system for the genetic analysis of the 2-C-methyl-d-erythritol 4-phosphate pathway for isoprenoid biosynthesis.

Biochem J. 2001 Jan 1;353(Pt 1):59-67.

PMID: 11115399 [PubMed - indexed for MEDLINE]

☐ 3: Herz S, Wungsintaweeikul J, Schuhr CA, Hecht S, Luttgen H, Sagner S, Fellermeier M, Eisenreich W, Zenk MH, Bacher A, Rohdich F. Related Articles



Biosynthesis of terpenoids: YgbB protein converts 4-diphosphocytidyl-2C-methyl-D-erythritol 2-phosphate to 2C-methyl-D-erythritol 2,4-cyclodiphosphate.

Proc Natl Acad Sci U S A. 2000 Mar 14;97(6):2486-90.

PMID: 10694574 [PubMed - indexed for MEDLINE]

☐ 4: Rohdich F, Wungsintaweeikul J, Fellermeier M, Sagner S, Herz S, Kis K, Eisenreich W, Bacher A, Zenk MH. Related Articles



Cytidine 5'-triphosphate-dependent biosynthesis of isoprenoids: YgbP protein of Escherichia coli catalyzes the formation of 4-diphosphocytidyl-2-C-methylerythritol.

Proc Natl Acad Sci U S A. 1999 Oct 12;96(21):11758-63.

PMID: 10518523 [PubMed - indexed for MEDLINE]

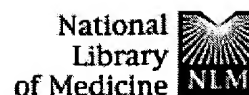
[Write to the Help Desk](#)

[NCBI | NLM | NIH](#)

[Department of Health & Human Services](#)

[Privacy Statement](#) | [Freedom of Information Act](#) | [Disclaimer](#)

Sep 21 2004 15:38:44



Entrez PubMed Nucleotide Protein Genome Structure OMIM PMC Journals Box

Search PubMed for

Limits Preview/Index History Clipboard Details

Abstract Text

About Entrez

Text Version

☐ 1: Mol Med Today. 2000 Dec;6(12):470-4.

Related Article

Entrez PubMed

Overview

Help | FAQ

Tutorial

New/Noteworthy

E-Utilities

PubMed Services

Journals Database

MeSH Database

Single Citation Matcher

Batch Citation Matcher

Clinical Queries

LinkOut

Cubby

Related Resources

Order Documents

NLM Catalog

NLM Gateway

TOXNET

Consumer Health

Clinical Alerts

ClinicalTrials.gov

PubMed Central

Mining bacterial genomes for antimicrobial targets.

Loferer H.

GPC Biotech AG, Fraunhoferstrasse 20, D-82152 Martinsried/Munich, Germany
Hannes.Loferer@gpc-biotech.com

The elucidation of whole-genome sequences is expected to have a revolution impact on the discovery of novel medicines. With the availability of complete genome sequences of more than 30 different species, the field of antimicrobial drug discovery has the opportunity to access a remarkable diversity of genomic information. In this review, I summarize how microbial genomics has changed strategies of drug discovery by applying bioinformatics, novel genetic approaches and genomics-based technologies, including analysis of gene expression using DNA microarrays.

Publication Types:

- Review
- Review, Tutorial

PMID: 11099952 [PubMed - indexed for MEDLINE]

Abstract Text

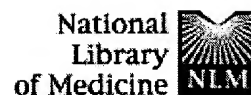
[Write to the Help Desk](#)

[NCBI](#) | [NLM](#) | [NIH](#)

Department of Health & Human Services

[Privacy Statement](#) | [Freedom of Information Act](#) | [Disclaimer](#)

Sep 21 2004 15:38:44



Entrez PubMed Nucleotide Protein Genome Structure OMIM PMC Journals Books
Search PubMed for

Limits Preview/Index History Clipboard Details

Abstract Text

About Entrez

Text Version

Entrez PubMed

Overview

Help | FAQ

Tutorial

New/Noteworthy

E-Utilities

PubMed Services

Journals Database

MeSH Database

Single Citation Matcher

Batch Citation Matcher

Clinical Queries

LinkOut

Cubby

Related Resources

Order Documents

NLM Catalog

NLM Gateway

TOXNET

Consumer Health

Clinical Alerts

ClinicalTrials.gov

PubMed Central

☐ 1: Drug Discov Today. 2000 Mar;5(3):107-114.

Related Article

ELSEVIER SCIENCE
FULL-TEXT ARTICLE

Integrated bacterial genomics for the discovery of novel antimicrobials.

Loferer I I, Jacobi I I, Posch I I, Gauss I I, Meier-Ewert I I, Seizinger I I

Genome Pharmaceuticals Corporation, Fraunhoferstrasse 20, D-82152 Martinsried/Munich, Germany.

Sequencing of bacterial genomes has been progressing with breathtaking speed. Currently, the genomes of 23 bacterial species are sequenced, with approximately 40 more sequencing projects in progress. Industrial research is now facing the challenge of translating this information efficiently into drug discovery. This review will summarize the impact of bacterial genomics, bioinformatics and second-generation genomic technologies on target identification, assay development, lead optimization and compound characterization.

PMID: 10675884 [PubMed - as supplied by publisher]

Abstract Text

[Write to the Help Desk](#)

[NCBI](#) | [NLM](#) | [NIH](#)

[Department of Health & Human Services](#)

[Privacy Statement](#) | [Freedom of Information Act](#) | [Disclaimer](#)

Sep 21 2004 15:38:44